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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: [year=2008; month=3; day=12; hr=12; min=43; sec=54; ms=144;]

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Application No: 09802285 Version No: 2.0

Input Set:

Output Set:

Started: 2008-03-11 13:08:33.054
Finished: 2008-03-11 13:08:33.312
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 258 ms
Total Warnings: 3
Total Errors: 0
No. of SeqIDs Defined: 3
Actual SeqID Count: 3

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SEQUENCE LISTING

<110> Liu, Dongfang
Pojasek, Kevin
Shriver, Zachary
Holley, Kristine
El-Shabrawi, Yosuf
Venkataraman, Ganesh
Sasisekharan, Ram

<120> Heparinase III and Uses Thereof

<130> M00656.70063.US

<140> 09802285

<141> 2001-03-08

<150> US 60/187,846

<151> 2000-03-08

<160> 3

<170> PatentIn version 3.0

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<211> 1980

<212> DNA

<213> Pedobacter heparinus

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<213> Pedobacter heparinus

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Lys Ala Val Ala Ala Gly Asn Tyr Asp Asp Ala Ala Lys Ala Leu Leu
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Ala Tyr Tyr Arg Glu Lys Ser Lys Ala Arg Glu Pro Asp Phe Ser Asn
 65 70 75 80

Ala Glu Lys Pro Ala Asp Ile Arg Gln Pro Ile Asp Lys Val Thr Arg
 85 90 95

Glu Met Ala Asp Lys Ala Leu Val His Gln Phe Gln Pro His Lys Gly
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Tyr Gly Tyr Phe Asp Tyr Gly Lys Asp Ile Asn Trp Gln Met Trp Pro
 115 120 125

Val Lys Asp Asn Glu Val Arg Trp Gln Leu His Arg Val Lys Trp Trp
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Gln Ala Met Ala Leu Val Tyr His Ala Thr Gly Asp Glu Lys Tyr Ala
 145 150 155 160

Arg Glu Trp Val Tyr Gln Tyr Ser Asp Trp Ala Arg Lys Asn Pro Leu
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Gly Leu Ser Gln Asp Asn Asp Lys Phe Val Trp Arg Pro Leu Glu Val
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Ser Asp Arg Val Gln Ser Leu Pro Pro Thr Phe Ser Leu Phe Val Asn
 195 200 205

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His Arg Leu Phe Glu Ala Gln Arg Asn Leu Phe Ala Gly Val Ser Phe
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 325 330 335

Ser Leu Pro Asp Tyr Asn Thr Pro Met Phe Gly Asp Ser Trp Ile Thr
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Ala	Pro	Glu	Ile	Ser	Ile	Arg	Glu	Asn	Lys	Gly	Asn	Asp	Phe	Glu	Lys		
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655

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<211> 25

<212> PRT

<213> Flavobacterium heparinum

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